EQH 5202

2.0 Megapixel Full HDcctv Day/Night Box Type Camera with Progressive Scan, WDR, automatic IR Cut Filter

- HDcctv 2.0 Megapixel real time 1920 x 1080 HD Video over Coax
- 2.0 Megapixel progressive scan CMOS sensor
- Day/night function with automatically swiveling IR cut filter
- On-screen programming
- Dual video output: Megapixel HD-SDI (BNC) plus SD TV out (RCA) for installation
- Dual power source 12 V DC / 24 V AC
- Enhanced exposure control with WDR, BLC, HSBLC, DSS
- 8 programmable privacy zones
- EQH 5202: support of both C-mount and CS-mount lenses (DC or manual, lens sold separately)
- EZH 5242: built-in 2,8 ~ 10 mm DC Megapixel varifocal lens
- EZH 5242: IR distance up to 40 m

EZH 5242

2.0 Megapixel Full HDcctv Day/Night Outdoor Bullet Type Camera with IR LED, Progressive Scan, WDR, automatic IR Cut Filter

EDH 5101

2.1 Megapixel Full HDcctv Day/Night Indoor Dome Camera with Progressive Scan

- Real time HDcctv 1920 x 1080 (1080p) HD video over coax
- 8,5mm (1/3") 2.1 Megapixel progressive scan CMOS sensor
- Built-in 3,3 ~ 12mm DC varifocal lens
- Improved image clarity with 3D DNR, DSS
- 3-axis positioning for flexible mounting and viewing angle
- Digital zoom function
- RS-485 control input
- On-screen programming
- Dual video output: Megapixel HD-SDI (BNC) plus SD TV (CVBS)
- 32 programmable privacy zones
- EHH 5101: IP66 outdoor casing
- EHH 5101: 30 IR LED, IR distance up to 20 m
- EHH 5101: optional wall mount bracket available (BA EHN)

EHH 5101

2.1 Megapixel Full HDcctv Day/Night Outdoor Dome Camera with IR LED and Progressive Scan

EQH 5102

2.0 Megapixel Full HDcctv Day/Night Box Type Camera with Progressive Scan

- HDcctv 1920 x 1080 (1080p) or 1280 x 720 (720p) HD Video over Coax
- 2.0 Megapixel progressive scan CMOS sensor
- EQH 5102: support of both C-mount and CS-mount lenses (DC or manual - lens sold separately)
- EBH 5102: built-in 3,6mm (F=1.8) fixed Iris lens
- EDH 5102: built-in 2,8mm (F=2.0) fixed Iris lens
- EZH 5102: built-in 3,6mm (F=1.8) fixed Iris lens
- Manual or automatic day/night switching with adjustable threshold and delay, fixed IR cut filter
- Enhanced exposure control with WDR, D-WDR, BLC, HSBLC, DSS
- RS-485 control input
- On-screen programming
- Dual video output: Megapixel HD-SDI (BNC) plus SD TV (BNC)
- 32 programmable privacy zones
- EBH 5102 / EZH 5102: up to 15 m IR distance
- EBH 5102 / EZH 5102: IP66 weatherproof outdoor casing

EBH 5102

2.0 Megapixel Full HDcctv Day/Night Outdoor Mini Ball Type Camera with Progressive Scan and IR LED

EDH 5102

2.0 Megapixel Full HDcctv Day/Night Indoor Mini Dome Camera with Progressive Scan

EZH 5102

2.0 Megapixel Full HDcctv Day/Night Outdoor Mini Bullet Type Camera with Progressive Scan and IR LED

EHA-CRX

HD-SDI / HDcctv to HDMI Converter

EHA-RPT

HD-SDI / HDcctv Coaxial Cable Repeater / 1 to 2 Distributor

- Acceptance of HDcctv high definition HD-SDI digital video at 720p50, 720p60, 1080i50 and 1080i60 formats at all frame rates
- Processing of HD-SDI standard at 1.485 Gb/s data rate
- High quality digital video and audio transmission with near zero latency
- Capable of receiving HDcctv digital video over 75Ω coaxial cable (up to 170 m, depending on cable type)
- EHA-CRX: integrated cable equalizer for long distance video transmission without loss of quality
- EHA-CRX: provides standard HDMI output for HD TV monitor display

EHA-FTX

Fiber Optics Transmitter

EHA-FRX

Fiber Optics Receiver

- Transmission and receipt of HDcctv digital video over fiber optics
- Multi-mode (850 nm) and single mode (1310 nm) models available
- Up to 21.000 m fiber optics signal transmission in single mode, up to 500 m in multi mode
- Operation with single fiber optics cable with LC plug

K-BNC-HD

BNC Crimp Plug for RG59 Cable

K-BNC-HD 1

BNC Crimp Plug for K-HD 01 Cable

K-BNC-HD 2

BNC Compression Plug for K-HD 01 Cable

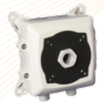
K-BNC-HD 2 TOOL

BNC Compression Tool for K-BNC-HD 2

K-HD 01

Low-loss Coaxial Cable for HDcctv / HD-SDI and CCTV Installations

PBOX-A013



Connector Box for EZ / EZN / EZH Cameras, IP66

PBOX-A024

Connector Box for EZ / EZN / EZH Cameras, IP54

BA PBOX

Mounting Adapter for PBOX-A013 and PBOX-A024

EverFocus Electronics GmbH
Albert-Einstein-Straße 1 | 46446 Emmerich am Rhein
Tel: 02822 9394-0 | Fax: 02822 9394-95
www.everfocus.de | sales@everfocus.de

Remarks:

© 2013 EverFocus Electronics GmbH

EverFocus is a registered trademark of EverFocus Electronics Corp. All rights reserved.

Technical data are subject to change without prior notice. Misprints reserved.

EF_HDcctv_65_en_rev02

HDcctv/ HD-SDI

HDcctv DVRs

HDcctv Cameras

HDcctv Accessories

EverFocus®
Your Safety, Our Focus

HDCCTV VIDEO OVER COAX

The industry's first HD TV quality Megapixel Video over Coax

HDcctv

Cutting edge HD-SDI Surveillance System

Plug & Play Real Time High Definition Resolution Recording over Coax

Deliver and record high definition image quality using traditional coaxial cable*!
Wire new HDcctv megapixel systems with familiar and easy to install coax and BNC connectors, or re-use the existing coax infrastructure to efficiently upgrade analog systems to megapixel digital performance without the need to design and deploy an IP network. Each home run coaxial cable provides a full bandwidth dedicated communication path for the HD-SDI / HDcctv standards compliant signal; no congestion, latency or distortion. Make the transition from SD / D1 to Full HD as easy as attaching new EverFocus HDcctv cameras to the existing coax and power, and upgrading the DVR to the EPHD 04/08 HD DVRs. No need to worry about switches, routers and IP addresses anymore. The EPHD 04/08 DVR and HDcctv cameras provide more than 6 times higher resolution than traditional standard DVRs to record and playback HD image quality at 200 fps that were carried over coax.

* up to 100 metres, longer distances with EverFocus extenders

Advantages

Pentaplex Operation plus Dual Streaming

For optimal system performance, the HDcctv DVR can simultaneously record HD resolution at 25 fps. It also automatically employs dual streaming for remote multiplex display, reducing the image size in the DVR to efficiently deliver 25 fps on all cameras. For example, if recording / playback at HD / D1 resolution, dual streaming at CIF resolution allows remote viewing of full motion on all cameras while conserving bandwidth. Thus it can achieve HD real time recording and playback locally, and still deliver smooth remote motion reproduction during network playback in low bandwidth environments.

Convenient Monitoring with Web Viewer

The HDcctv DVR has a built-in web server that enables users to monitor live and playback DVR images without special software, through a web browser from any supported PC.

Web viewer

Powerful Search with Smart Function

Users can search video by date, time and event or filter by type of recording quickly and efficiently. A Smart Search function enables you to set specific regions of interest (ROI) in the field of view and search for relevant video within the ROI in order to efficiently review significant activities. The Snapshot Search extracts images at a defined interval to quickly locate events.

Smart Search

Snapshot Search

Video Streaming to Mobile Devices

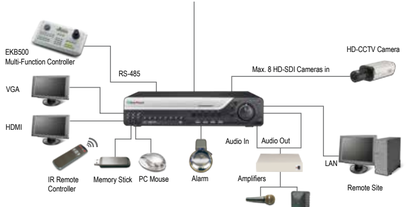
The HDcctv DVR supports real-time streaming for Safari (MAC), Firefox and Opera (PC) plus mobile monitoring, allowing you to check your home or business on-the-go directly from a variety of web capable mobile devices. No additional servers or purchased programs required. EverFocus also offers a FREE MobileFocus app for iPhone, Blackberry & Android.

HDMI and VGA Multiplex Monitor Outputs

Full HD 1920 x 1080 provides superior picture performance on a massive scale, with two entire megapixels of resolution allocated to monitor display. HDMI and VGA digital outputs render stunning images from any resolution, and enhance motion reproduction to deliver smoother and crisper looking video.

HD-SDI System Configuration

EPHD 08



EPHD 08

8-channel HDcctv Digital Video Recorder, Full HD Video over Coax

EPHD 04

4-channel HDcctv Real Time Digital Video Recorder, Full HD Video over Coax

HD-SDI Input · HDMI · H.264 compression · 1080p Full HD · HD Real-Time · Dual Stream · Audio I/O · USB Drive · DVD+RW · DVR Smart Phone · Smart Search

Features

- 1920 x 1080 or 1280 x 720 HDcctv camera support for superlative image clarity
- EPHD 08: HD real time recording and playback for all cameras (at 720p)
- EPHD 04: HD real time recording and playback for all cameras (at 1080p)
- HDMI 1080p and VGA multiplex view main monitor outputs
- Simultaneous high resolution recording (1920 x 1080 / 1280 x 720) with reduced bandwidth remote view streaming
- Mobile Viewing from PDA or SmartPhone
- Pentaplex operation (simultaneous live, recording, playback, archiving and remote viewing)
- User-friendly GUI with graphical icons and visual indicators
- Support for 4 fixed internal HDD and eSATA external HDD
- Free EverFocus DDNS service
- Multiple control inputs: mouse / front panel / IR remote controller / EKB 500 keyboard (optional)
- Express setup, Express archive, Express playback, Express search, Smart Search, Snapshot search
- Gigabit Ethernet interface for remote network viewing and configuration
- On-screen PTZ control via mouse or front panel
- Per channel audio recording capabilities (for EPHD 04: optional)
- Built-in DVD burner
- 3 USB 2.0 ports for video archive and mouse usage
- Multi-language support
- USB mouse and IR remote control included
- 482mm (19") rack mountable - rack ears included (EPHD 08)

Advantages

Real time High Definition Resolution Recording over COAX

Deliver and record High Definition image quality using traditional coaxial cable! Retain plug-and-play ease of installation: select leading edge EverFocus HDcctv cameras that use the advanced HD-SDI transfer format to send full HD, megapixel resolution digital video over the same coax that once carried only standard definition video. EPHD 08 and EPHD 04 make a tremendous leap forward in image quality by providing more than 6 times higher resolution than SD DVRs to record and playback HD image quality at 200 IPS (EPHD 08) resp. 100 IPS (EPHD 04) that were carried over coax. EPHD 08 and EPHD 04 also provide HD quality still image recording in response to event notifications.

Application example

License Plate Recognition in HD TV Quality at a Gas Station - 2 Megapixel over Coax!

EDR HD-4H4

8-channel (4 HDcctv + 4 SD CCTV) Hybrid Digital Video Recorder, Megapixel & Standard Video over Coax

EDR HD-2H14

16-channel (2 HDcctv + 14 SD CCTV) Hybrid Digital Video Recorder, Megapixel & Standard Video over Coax

HYBRID HD+SD · HDMI · H.264 compression · 1080p Full HD · HD Real-Time · Dual Stream · Audio I/O · USB Drive · DVD+RW · DVR Smart Phone · Smart Search

Features

- Both HDcctv megapixel video inputs and analog video inputs
- 1920 x 1080 or 1280 x 720 HD resolution recording for HDcctv video inputs up to 25 fps per camera
- Dual streaming to optimize remote viewing bandwidth utilization
- Real time recording rate and playback rate - up to 25 fps @ D1 on analog and 25 fps @ HD on HDcctv
- Recording resolution and rate can be set independently for each camera, and changed via user-defined schedule
- Multiple main monitor outputs: HDMI 1080p / VGA (1920 x 1080) output
- Pentaplex operation (simultaneous live, recording, playback, archiving and remote viewing)
- Free EverFocus DDNS service
- User-friendly GUI with graphical icons and visual indicators
- Support for 4 fixed internal HDD and eSATA external HDD
- Supports remote / mobile monitoring via PC browsers, SmartPhone and iPhone / Android apps
- Multiple control inputs: mouse / front panel / IR remote controller / EKB 500 keyboard (optional)
- Express setup, Express archive, Express playback, Express search, Smart Search, Snapshot search
- Gigabit Ethernet interface for remote network viewing and configuration
- Audio recording capabilities
- Built-in DVD burner
- 2 USB 2.0 ports for video archive and mouse usage
- Multi-language support
- Watermark capabilities
- USB mouse and IR remote control included
- 482mm (19") rack mountable - rack ears included

Advantages

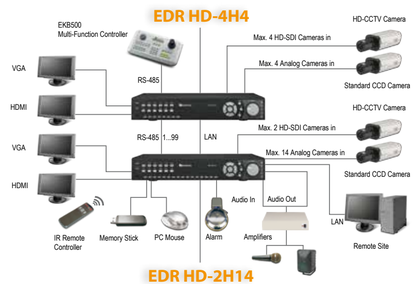
Hybrid real time High & Standard Definition Resolution Recording over COAX

Deliver and record both High and Standard Definition image quality using traditional coaxial cable! Retain plug-and-play ease of installation: select leading edge EverFocus HDcctv cameras that use the advanced HD-SDI transfer format to send full HD, megapixel resolution digital video over the same coax that once carried only standard definition video. The EDR-HD series' DVRs deliver „hybrid" recording that allows SMPTE 292M compliant HDcctv cameras and conventional analog cameras to be recorded on the same DVR. This unique platform provides a gradual migration path to high definition video recording while still supporting the use of existing analog equipment.

System configuration

System example configuration with Hybrid Digital Video Recorders EDR HD-4H4 and EDR HD-2H14

EDR HD-4H4



EDR HD-2H14